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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/607,644	06/27/2003	Steven Edson Forsythe	0026283.0513114	2650

7590 09/28/2005

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EXAMINER

SALATA, ANTHONY J

ART UNIT	PAPER NUMBER
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2837

DATE MAILED: 09/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/607,644

Applicant(s)

FORSYTHE ET AL.

Examiner

Jonathan Salata

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 17, 9-16, 18-21 is/are rejected.
- 7) ☒ Claim(s) 8 and 17 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____ |

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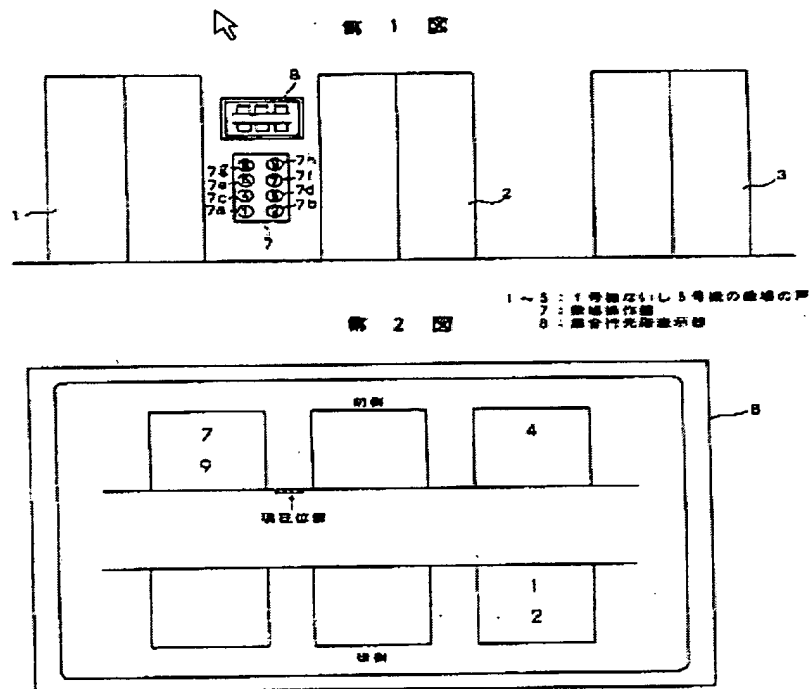
1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1,2,6,11,12,15,21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Miyagi (JP 04169484 A) , and Yoshida et al (2001/0035314 A1)

Miyagi teaches in figures 1-4, and elevator story display.

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Elevators 1,2 have a display device (interface) 8 which displays destinations for each elevator, figure 2. As illustrated, the number (text of the destination is displayed based on inputs from panel 7 and the display 8 illustrates the orientation of the elevators with associated destinations.

Miyagi et al does not illustrate the decade keypad, multiple floors or accentuating an input.

Yoshida et al teaches that for improved hall calls and zone allocation, it is advantageous to provide a display which provides a screen display in several formats. One such display, utilizes a ten-key keypad (figure 3a) along with a registered floor list. A color or shape change acknowledges an input by a user. As illustrated in figure 5, multiple elevators 18 and floors are shown. Thus, to utilize a ten-key format with a registered list, as in the instant invention, would have been an obvious engineering design choice to one of ordinary skill in the art.

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3. Claims 3,9,10,13,18,19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Miyagi et al and Yoshida et al as applied to claims 1,2,6,11,12,15,21 above, and further in view of Ueshima et al (4989694).

Miyagi et al and Yoshida et al do not illustrate elevator out of service/error messages.

Ueshima et al teaches that for improved service to passengers and improved traffic flow based on user input, it is advantageous to provide displays which allow the user to change car assignment based on text messages such as "no service to ground floor". Figure 6, illustrates the display at the hall call or transom. Thus, to provide text for a user to allow assignment change, would have been an obvious engineering design choice to one of ordinary skill in the art.

4. Claims 4,5,7,14,16,20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Miyagi et al and Yoshida et al as applied to claims 1,2,6,11,12,15,21 above, and further in view Mandel et al (4149614).

Miyagi et al and Yoshida et al do not illustrate the direction display, cab display, second floor display.

Mandel et al teaches that for improved visual display for users to improve service, it is advantageous to provide calls which can be input in the halls and/or cabs (figures 9,10) and which further display the direction 158 and each destination call 154 in a predetermined order. Thus to utilize the display locations/information of Mandel et al would have been an obvious engineering design choice to one of ordinary skill in the art to improve service.

5. Claims 8,17 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

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The cited art of record does not teach or fairly suggest the particular timeout procedure for the decade keypad.

6. Applicant's arguments filed 8-10-05 have been fully considered but they are not persuasive. Yoshida et al has been applied to the amended claimed invention to utilize the use of a decade keypad which can be substitute for a floor or direction keypad based on traffic conditions. Mandel et al illustrates the directional/cab displays and Ueshima et al illustrate the message displays.

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Godwin is cited to illustrate a similar elevator hall call display system.

A shortened statutory period for response to this action is set to expire 3 months from the date of this letter.

Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

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Any inquiry of a **general nature** should be directed to the **Group receptionist** whose telephone number is **(571) 272-2800**.

Information regarding the **STATUS** of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either private PAIR or public PARI. Status information for unpublished applications is available through Private PAIR ONLY. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Any questions on access to PAIR, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Papers related to this application may be submitted to Group 2800 by facsimile transmission. Papers should be faxed to Group 2800 via the PTO 2800 Fax Center located at Crystal Plaza 4. The faxing of such papers must conform with the notice published in the Official Gazette, 1096 O.G. 30 (November 15, 1989). The Group 2800 Fax Center number is (703) 872-9306.

For assistance in **Patent procedure, fees or general Patent questions** calls should be directed to the **Patents Assistance Center (PAC)** whose telephone number is **800-786-9199**. Assistance is also available on the Internet at www.uspto.gov.

For requesting **copies** of Cited Art, Office Actions or the like, or General Problem solving, calls should be directed to the TC 2800 Customer Service Office whose telephone number is 703-306-3329 or by fax at 703-306-5515.

Any inquiry concerning **this communication or earlier communications from the examiner** should be directed to **Jonathan Salata** whose telephone number is **(571) 272-2073**. The examiner can normally be reached on Monday through Thursday from 7:30 am to 2:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Martin, can be reached on (571) 272-2107.

ajs

September 26, 2005


JONATHAN SALATA
PRIMARY EXAMINER
ART UNIT 2837